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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | ATTY DOCKET NO.: 8266-1170 | | SERIAL NO.: 10/730,453 | | | |
|---|----|---|-------------------------------|-----------------------------------|------------------------|----------|---------------------------|----|
| | | | APPLICANT(S): Ferrand et al. | | | | | |
| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE | |
| <i>mt</i> | AA | 20,580 | 06/1858 | Parker | | | | |
| | AB | 99,455 | 02/1870 | Menzer | | | | |
| | AC | 160,694 | 03/1875 | Michel | | | | |
| | AD | 177,440 | 05/1876 | Waddell | | | | |
| | AE | 194,811 | 09/1877 | Essig | | | | |
| | AF | 204,104 | 05/1878 | Stansel | | | | |
| | AG | 223,428 | 01/1880 | Merrick | | | | |
| | AH | 254,084 | 02/1882 | Wyman | | | | |
| | AI | 260,405 | 07/1882 | Meier | | | | |
| | AJ | 268,145 | 11/1882 | Taylor | | | | |
| <i>mt</i> | AK | 274,331 | 03/1883 | Howard | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| <i>mt</i> | AL | 10705 | 1887 | United Kingdom | | | | |
| | AM | 523334 | 07/1940 | United Kingdom | | | | |
| | AN | 716981 | 01/1942 | Germany | | | | |
| | AO | 2141333 | 12/1984 | United Kingdom | | | | |
| | AP | 61-17789 | 01/1986 | Japan | | | | |
| <i>mt</i> | AQ | 2607385 | 12/1988 | France | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| <i>mt</i> | AR | Brochure on the Pegasus Airwave System, published by Pegasus Airwave Limited of Portsmouth, Hampshire, England, Publication Date Unknown. | | | | | | |
| | | | | | | | | |
| <i>mt</i> | AS | Guyton, M.D., "Capillary Pressure", Textbook of Medical Physiology, 7 th Ed., 1986, W.B. Saunders Co., pp. 353-354. | | | | | | |
| | | | | | | | | |
| <i>mt</i> | AT | Hargest, "Problems of Patient Support: The Air Fluidised Bed as a Solution", pp. 269-275. | | | | | | |
| | | | | | | | | |
| EXAMINER <i>michael T</i> | | | | DATE CONSIDERED <i>5/11/04</i> | | | | |

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|--|----|---|-------------------------------|-----------------------------------|------------------------|----------|---------------------------|
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| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MS</i> | BA | 279,188 | 06/1883 | Rodebaugh | | | |
| <i>MS</i> | BB | 283,021 | 08/1883 | Raggio | | | |
| <i>MS</i> | BC | 428,938 | 05/1890 | Oxley | | | |
| <i>MS</i> | BD | 535,935 | 04/1895 | Donald | | | |
| <i>MS</i> | BE | 919,025 | 04/1909 | Kintz | | | |
| <i>MS</i> | BF | 1,044,936 | 11/1912 | Spencer | | | |
| <i>MS</i> | BG | 1,198,687 | 09/1916 | Williams | | | |
| <i>MS</i> | BH | 2,004,860 | 06/1935 | Ferrari et al. | | | |
| <i>MS</i> | BI | 2,217,783 | 10/1940 | Bell | | | |
| <i>MS</i> | BJ | 2,401,999 | 06/1946 | Wolfe | | | |
| <i>MS</i> | BK | 2,674,745 | 04/1954 | Burke, Sr. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| <i>MS</i> | BL | 0132203 | 01/1985 | Europe | | | YES NO |
| <i>MS</i> | BM | 4236195 | 05/1994 | Germany | | | |
| <i>MS</i> | BN | | | | | | |
| <i>MS</i> | BO | | | | | | |
| <i>MS</i> | BP | | | | | | |
| <i>MS</i> | BQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>MS</i> | BR | Advertising brochure of Kinetics Concepts of San Antonio, Texas, "New Therapulse Pulsating Air Suspension Therapy", 12 pages, 1988. | | | | | |
| <i>MS</i> | BS | Meer, "The Tissue Therapist's Guide to Understanding Skin Destruction", Hospitals & Healthcare Intl., Sep./Oct. 1983, 2 pages. | | | | | |
| <i>MS</i> | BT | "The Effectiveness of Air Flotation Beds", Care Science and Practice, Nov. 1984, 2 pages. | | | | | |
| EXAMINER <i>michael taylor</i> | | | | DATE CONSIDERED <i>5/11/84</i> | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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|--|----|-----------------|--|----------------------------------|------------------------|----------|---------------------------|
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| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>ms</i> | CA | 2,707,137 | 04/1955 | Hollstein | | | |
| | CB | 2,757,997 | 08/1956 | Lee | | | |
| | CC | 2,768,807 | 10/1956 | Cohen et al. | | | |
| | CD | 2,899,980 | 09/1959 | Loebel et al. | | | |
| | CE | 2,980,392 | 04/1961 | Greenwood | | | |
| | CF | 3,063,066 | 11/1962 | Peck et al. | | | |
| | CG | 3,081,463 | 03/1963 | Williams et al. | | | |
| | CH | 3,195,151 | 07/1965 | Boyer | | | |
| | CI | 3,218,103 | 11/1965 | Boyce | | | |
| | CJ | 3,220,020 | 11/1965 | Nelson | | | |
| <i>ms</i> | CK | 3,220,022 | 12/1965 | Nelson | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | CL | | | | | | |
| | CM | | | | | | |
| | CN | | | | | | |
| | CO | | | | | | |
| | CP | | | | | | |
| | CQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>ms</i> | CR | | Exton-Smith et al., "Use of the Air Wave System to Prevent Pressure Sores in Hospital", The Lancet, June 5, 1982, pp. 1288-1290. | | | | |
| <i>ms</i> | CS | | Le et al., "An In-Depth Look at Pressure Sores Using Monolithic Silicon Pressure Sensors", Plastic and Reconstructive Surgery, Dec. 1984, pp. 745-754. | | | | |
| <i>ms</i> | CT | | Guyton, M.D., "The Body Fluids and Kidneys", Textbook of Medical Physiology, 7 th Edition, W.B. Saunders Co., p. 354, 1986. | | | | |
| EXAMINER <i>michael</i> | | | | DATE CONSIDERED <i>1/1/04</i> | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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|--|----|---|----------------------------------|--------------------|------------------------|----------|---------------------------|
| | | | APPLICANT(S): Ferrand et al. | | | | |
| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MS</i> | DA | 3,220,024 | 12/1965 | Nelson | | | |
| | DB | 3,237,212 | 01/1966 | Hillenbrand et al. | | | |
| | DC | 3,290,956 | 12/1966 | Black et al. | | | |
| | DD | 3,312,985 | 04/1967 | Callaghan | | | |
| | DE | 3,327,328 | 06/1967 | Slivoski | | | |
| | DF | 3,336,606 | 08/1967 | Beitzel | | | |
| | DG | 3,338,632 | 08/1967 | Kleinsorge | | | |
| | DH | 3,393,198 | 07/1975 | Blair | | | |
| | DI | 3,344,445 | 10/1967 | Crawford | | | |
| | DJ | 3,434,165 | 03/1969 | Keane | | | |
| <i>MS</i> | DK | 3,452,662 | 08/1969 | Morrison | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | DL | | | | | | YES NO |
| | DM | | | | | | |
| | DN | | | | | | |
| | DO | | | | | | |
| | DP | | | | | | |
| | DQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>MS</i> | DR | Stewart, "Why 32?", Pressure Ulcer Forum, vol. 2, no. 2, Spring 1987, Gaymar Industries, Inc., pp. 1-2. | | | | | |
| <i>MS</i> | DS | Agris et al., "Pressure Ulcers & Prevention and Treatment", Clinical Symposia, CIBA, vol. 31, no. 5, 1979, pp. 2-9. | | | | | |
| <i>MS</i> | DT | Husain, "An Experimental Study of Some Pressure Effects on Tissues with Reference to the Bed-Sore Problem", J. Path. Bact., vol. 66, 1953, pp. 347-350. | | | | | |
| EXAMINER <i>michael Cato</i> | | | DATE CONSIDERED <i>5/4/09</i> | | | | |
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| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | APPLICANT(S): Ferrand et al. | | | | |
| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MS</i> | EA | 3,462,772 | 08/1969 | Morrison | | | |
| | EB | 3,484,878 | 12/1969 | Nielsen | | | |
| | EC | 3,540,479 | 11/1970 | Thompson | | | |
| | ED | 3,564,627 | 02/1971 | Allard et al. | | | |
| | EE | 3,608,102 | 09/1971 | Goodman | | | |
| | EF | 3,611,452 | 10/1971 | Turko et al. | | | |
| | EG | 3,611,453 | 10/1971 | Lukken | | | |
| | EH | 3,613,732 | 10/1971 | Wilson et al. | | | |
| | EI | 3,638,935 | 02/1972 | Lelugas et al. | | | |
| | EJ | 3,644,945 | 02/1972 | Goodman et al. | | | |
| <i>MS</i> | EK | 3,674,019 | 07/1972 | Grant | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | EL | | | | | | YES NO |
| | EM | | | | | | |
| | EN | | | | | | |
| | EO | | | | | | |
| | EP | | | | | | |
| | EQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>MS</i> | ER | Kosiak, "The Etiology of Decubitus Ulcers", Archives of Physical Medicine Rehabilitation, Jan. 1961, pp. 19-28. | | | | | |
| <i>MS</i> | ES | Mediscus, Advertisement for MONARCH Low Air-Loss Bed. | | | | | |
| <i>MS</i> | ET | Kinetic Concepts, Inc., Advertisement for KinAir. | | | | | |
| EXAMINER <i>michael tsoo</i> | | | | DATE CONSIDERED <i>5/11/04</i> | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MR</i> | FA | 3,678,519 | 07/1972 | Szucs | | | |
| | FB | 3,724,003 | 04/1973 | Ellwanger et al. | | | |
| | FC | 3,724,004 | 04/1973 | Behrens | | | |
| | FD | 3,733,623 | 05/1973 | Croxton | | | |
| | FE | 3,742,448 | 06/1973 | Motz | | | |
| | FF | 3,742,527 | 07/1973 | Johnston et al. | | | |
| | FG | 3,754,749 | 08/1973 | Lyon et al. | | | |
| | FH | 3,757,193 | 12/1973 | Pageot et al. | | | |
| | FI | 3,822,425 | 07/1974 | Scales | | | |
| | FJ | 3,839,753 | 10/1974 | Benoit et al. | | | |
| <i>MS</i> | FK | 3,868,103 | 02/1975 | Pageot et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | | | | TRANSLATION |
| | | | | | | | YES NO |
| | FL | | | | | | |
| | FM | | | | | | |
| | FN | | | | | | |
| | FO | | | | | | |
| | FP | | | | | | |
| | FQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>MR</i> | FR | Kinetic Concepts, Inc., Advertisement for The Kinetic Treatment Table. | | | | | |
| <i>MR</i> | FS | Nelson Patent Handling Device, (NPHD), Advertisement. | | | | | |
| <i>MR</i> | FT | Bye-Bye Decubiti, Advertisement for Pneumatic Cushions and Mattresses. | | | | | |
| EXAMINER <i>richard j. stahl</i> | | | | DATE CONSIDERED <i>5/11/04</i> | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MJ</i> | GA | 3,879,776 | 04/1975 | Solen | | | |
| <i>J</i> | GB | 3,900,906 | 08/1975 | Berthelsen | | | |
| | GC | 3,909,858 | 10/1975 | Ducker | | | |
| | GD | 3,913,153 | 10/1975 | Adams et al. | | | |
| | GE | 3,977,664 | 08/1976 | Mitchell et al. | | | |
| | GF | 3,997,926 | 12/1976 | England | | | |
| | GG | 4,015,677 | 04/1977 | Silva et al. | | | |
| | GH | 4,025,972 | 05/1977 | Adams et al. | | | |
| | GI | 4,038,709 | 08/1977 | Kerwit | | | |
| | GJ | 4,099,276 | 07/1978 | Hunt et al. | | | |
| <i>MJ</i> | GK | 4,100,630 | 07/1978 | Klose et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | GL | | | | | | |
| | GM | | | | | | |
| | GN | | | | | | |
| | GO | | | | | | |
| | GP | | | | | | |
| | GQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>MJ</i> | GR | Support Systems International, Clinirion Air Fluidized Therapy; Flexicair Low Airloss Therapy, Advertisements. | | | | | |
| <i>MJ</i> | GS | 63-page report of search done in the Official Gazette of related patents under Class 5 – Beds. | | | | | |
| <i>MJ</i> | GT | Daly et al., "The Effect of Pressure Loading on the Blood Flow Rate of Human Skin", pp. 69-76, "Bedcare Biomechanics", Aug. 1975. | | | | | |
| EXAMINER <i>nichelle F</i> | | | DATE CONSIDERED <i>5/14/04</i> | | | | |

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| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MS</i> | HA | 4,130,265 | 12/1978 | Sakakibara et al. | | | |
| | HB | 4,183,015 | 01/1980 | Drew et al. | | | |
| | HC | 4,193,149 | 03/1980 | Welch | | | |
| | HD | 4,195,829 | 04/1980 | Reser | | | |
| | HE | 4,205,669 | 06/1980 | Hamann | | | |
| | HF | 4,207,633 | 06/1980 | Smith et al. | | | |
| | HG | 4,224,706 | 09/1980 | Young et al. | | | |
| | HH | 4,225,125 | 09/1980 | Lee | | | |
| | HI | 4,225,989 | 10/1980 | Corbett et al. | | | |
| | HJ | 4,227,269 | 10/1980 | Johnston | | | |
| <i>MS</i> | HK | 4,255,824 | 03/1981 | Pertchik | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | HL | | | | | | YES |
| | HM | | | | | | NO |
| | HN | | | | | | |
| | HO | | | | | | |
| | HP | | | | | | |
| | HQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>MS</i> | HR | Danzer et al., "Determination of the Capillary Blood Pressure in Man with the Micro-Capillary Tonometer", pp. 164-165, American Journal of Physiology, vol. 52, no. 1 | | | | | |
| | | | | | | | |
| <i>MS</i> | HS | Landis, "Micro-Injection Studies of Capillary Blood Pressure in Human Skin", Publication & Date unknown. | | | | | |
| | | | | | | | |
| <i>MS</i> | HT | Kosiak, "Etiology and Pathology of Ischemic Ulcers", Archives of Physical Medicine Rehabilitation, Feb. 1959, pp. 62-69. | | | | | |
| | | | | | | | |
| EXAMINER <i>Michael G. Lee</i> | | | DATE CONSIDERED <i>5/11/04</i> | | | | |

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| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>ms</i> | IA | 4,269,387 | 05/1981 | Reynolds et al. | | | |
| | IB | 4,310,935 | 01/1982 | Stevens et al. | | | |
| | IC | 4,312,500 | 01/1982 | Janssen | | | |
| | ID | 4,356,577 | 11/1982 | Taylor et al. | | | |
| | IE | 4,371,996 | 02/1983 | Nahum | | | |
| | IF | 4,371,997 | 02/1983 | Mattson | | | |
| | IG | 4,376,316 | 03/1983 | Mercier et al. | | | |
| | IH | 4,409,695 | 10/1983 | Johnston et al. | | | |
| | II | 4,439,880 | 04/1984 | Koncelik et al. | | | |
| | IJ | 4,474,364 | 10/1984 | Brendgord | | | |
| <i>ms</i> | IK | 4,494,260 | 01/1985 | Olds et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | IL | | | | | | YES NO |
| | IM | | | | | | |
| | IN | | | | | | |
| | IO | | | | | | |
| | IP | | | | | | |
| | IQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>ms</i> | IR | Scales, "Air Support Systems for the Prevention of Bed Sores", pp. 259-267. | | | | | |
| | IS | | | | | | |
| | IT | | | | | | |
| EXAMINER <i>Michael J. Goss</i> | | | | DATE CONSIDERED <i>5/11/04</i> | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | ATTY DOCKET NO.: 8266-1170 | | SERIAL NO.: 10/730,453 | | |
|--|----|-----------------|-------------------------------------|-----------------|------------------------|----------|---------------------------|
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | APPLICANT(S): Ferrand et al. | | | | |
| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>JM</i> | JA | 4,525,885 | 07/1985 | Hunt et al. | | | |
| | JB | 4,534,078 | 08/1985 | Viesturs et al. | | | |
| | JC | 4,539,560 | 09/1985 | Fleck et al. | | | |
| | JD | 4,542,547 | 09/1985 | Sato | | | |
| | JE | 4,559,656 | 12/1985 | Foster | | | |
| | JF | 4,572,493 | 02/1986 | Hubert | | | |
| | JG | 4,592,104 | 06/1986 | Foster et al. | | | |
| | JH | 4,658,450 | 04/1987 | Thompson | | | |
| | JI | 4,669,136 | 06/1987 | Waters et al. | | | |
| | JJ | 4,685,159 | 08/1987 | Octiker | | | |
| <i>JM</i> | JK | 4,686,727 | 08/1987 | Wilkinson | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES |
| | JL | | | | | | |
| | JM | | | | | | |
| | JN | | | | | | |
| | JO | | | | | | |
| | JP | | | | | | |
| | JQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | JR | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | JS | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | JT | | | | | | |
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| EXAMINER <i>Michael T. Smith</i> | | | DATE CONSIDERED <i>12/11/059</i> | | | | |

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|--|----|-----------------|-----------------------------------|----------------|------------------------|----------|---------------------------|
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | APPLICANT(S): Ferrand et al. | | | | |
| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MF</i> | KA | 4,722,105 | 02/1988 | Douglas | | | |
| | KB | 4,724,555 | 02/1988 | Poehner et al. | | | |
| | KC | 4,736,587 | 04/1988 | Suzuki | | | |
| | KD | 4,742,586 | 05/1988 | Galumbeck | | | |
| | KE | 4,745,647 | 05/1988 | Goodwin | | | |
| | KF | 4,747,171 | 05/1988 | Einsele et al. | | | |
| | KG | 4,751,754 | 06/1988 | Bailey et al. | | | |
| | KH | 4,768,249 | 09/1988 | Goodwin | | | |
| | KI | 4,792,428 | 12/1988 | Swersey | | | |
| | KJ | 4,793,428 | 12/1988 | Swersey | | | |
| <i>MF</i> | KK | 4,799,276 | 01/1989 | Kadish | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | KL | | | | | | |
| | KM | | | | | | |
| | KN | | | | | | |
| | KO | | | | | | |
| | KP | | | | | | |
| | KQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | KR | | | | | | |
| | | | | | | | |
| | KS | | | | | | |
| | | | | | | | |
| | KT | | | | | | |
| | | | | | | | |
| EXAMINER <i>Michael Tice</i> | | | DATE CONSIDERED <i>5/11/04</i> | | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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|--|----|-----------------|-----------------------------------|---------------------|------------------------|----------|---------------------------|
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | | APPLICANT(S): Ferrand et al. | | | | |
| | | | FILING DATE: December 8, 2003 | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>WT</i> | LA | 4,803,744 | 02/1989 | Peck et al. | | | |
| | LB | 4,821,348 | 04/1989 | Pauna | | | |
| | LC | 4,833,309 | 05/1989 | Yomogida | | | |
| | LD | 4,864,671 | 09/1989 | Evans | | | |
| | LE | 4,924,537 | 05/1990 | Alsip et al. | | | |
| | LF | 4,926,951 | 05/1990 | Carruth et al. | | | |
| | LG | 4,934,468 | 06/1990 | Koerber, Sr. et al. | | | |
| | LH | 4,935,968 | 06/1990 | Hunt et al. | | | |
| | LJ | 4,945,590 | 08/1990 | Ogura | | | |
| | LJ | 4,949,413 | 08/1990 | Goodwin | | | |
| <i>WT</i> | LK | 4,949,414 | 08/1990 | Thomas et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | LL | | | | | | YES NO |
| | LM | | | | | | |
| | LN | | | | | | |
| | LO | | | | | | |
| | LP | | | | | | |
| | LQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | LR | | | | | | |
| | LS | | | | | | |
| | LT | | | | | | |
| EXAMINER <i>Michael Tamm</i> | | | DATE CONSIDERED <i>5/11/29</i> | | | | |
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|--|----|--|----------------------------------|----------------------------|----------------|------------------------|---------------------------|
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | APPLICANT(S): Ferrand et al. | | | | | |
| | | FILING DATE: December 8, 2003 | | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>MJ</i> | MA | 4,953,244 | 09/1990 | Koerber, Sr. et al. | | | |
| | MB | 4,959,957 | 10/1990 | Schmale et al. | | | |
| | MC | 4,961,470 | 10/1990 | Koerber, Sr. | | | |
| | MD | 4,973,024 | 11/1990 | Homma | | | |
| | ME | 4,974,692 | 12/1990 | Carruth et al. | | | |
| | MF | 4,993,920 | 02/1991 | Harkleroad et al. | | | |
| | MG | 5,003,654 | 04/1991 | Vrzalik | | | |
| | MH | 5,035,016 | 07/1991 | Mori et al. | | | |
| | MI | 5,044,029 | 09/1991 | Vrzalik | | | |
| | MJ | 5,050,633 | 09/1991 | Tarnay et al. | | | |
| <i>MJ</i> | MK | 5,121,513 | 06/1992 | Thomas et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| | ML | | | | | | |
| | MM | | | | | | |
| | MN | | | | | | |
| | MO | | | | | | |
| | MP | | | | | | |
| | MQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | MR | | | | | | |
| | MS | | | | | | |
| | MT | | | | | | |
| EXAMINER <i>michael T. alt</i> | | | DATE CONSIDERED <i>5/4/07</i> | | | | |
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|---|----|--|---------|----------------------------|----------------|------------------------|---------------------------|
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | APPLICANT(S): Ferrand et al. | | | | | |
| | | FILING DATE: December 8, 2003 | | | GROUP: Unknown | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPLICABLE |
| <i>mlt</i> | NA | 5,172,781 | 12/1992 | Hlavinka et al. | | | |
| | NB | 5,173,977 | 12/1992 | Carruth et al. | | | |
| | NC | 5,261,725 | 11/1993 | Rudolph | | | |
| | ND | 5,269,388 | 12/1993 | Reichow et al. | | | |
| | NE | 5,276,432 | 01/1994 | Travis | | | |
| | NF | 5,279,010 | 01/1994 | Travis | | | |
| | NG | 5,323,500 | 06/1994 | Roe et al. | | | |
| | NH | 5,393,935 | 02/1995 | Hasty et al. | | | |
| | NI | 5,537,701 | 07/1996 | Elliot | | | |
| | NJ | 5,577,280 | 11/1996 | Elliott | | | |
| <i>mlt</i> | NK | 5,906,016 | 05/1999 | Ferrand et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | NL | | | | | | YES NO |
| | NM | | | | | | |
| | NN | | | | | | |
| | NO | | | | | | |
| | NP | | | | | | |
| | NQ | | | | | | |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | NR | | | | | | |
| | | | | | | | |
| | NS | | | | | | |
| | | | | | | | |
| | NT | | | | | | |
| | | | | | | | |
| EXAMINER <i>Michael L. Tait</i> | | DATE CONSIDERED <i>5/11/04</i> | | | | | |
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